

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A system for transferring real time video information from a source device to one of a plurality of output devices, the system comprising:

~~an~~ at least one image capturing device to acquire video information, the image capturing device including a processor, a graphics module coupled to the processor, a browsing device coupled to the processor, a packetizing portion coupled to the processor, the packetizing portion being adapted to convert the video information into a packetized stream of video information, the packetized stream of video information being in a first format, and an output device coupled to the processor to transfer the packetized stream of video information to a network;

a network gateway coupled to the image capturing device through the network, the network gateway being coupled to a worldwide network of computers, the network gateway including a gateway transcoding device to convert the packetized stream of video information from the first format to a second format, the network gateway also including a packetizing portion to transfer the packetized stream of video information in the second format to the network; and

a display device coupled to the network gateway through the world wide network of computers, the display device including a display device to convert the packetized stream of video information into video information for display, the display device also including a display for displaying the video information on the display device;

wherein the first format is selected from compressed and uncompressed audiovideo formats; and

wherein the network gateway can provide multiple output streams of video information, having unique sets of audiovisual characteristics and having the second formats, from which at least one output stream can be selected to be displayed on the display.

2. (Currently Amended) The system of claim 1 wherein the packetized stream of video information in the first format is compressed.

3. (Original) The system of claim 1 wherein the display device is coupled to a wireless network, the wireless network being coupled to the world wide network of computers.

4. (Original) The system of claim 1 wherein the display device is selected from one of a plurality of devices including a portable computer, a laptop computer, a personal digital assistant, a web appliance, a personal computer, and a work station.

5. (Original) The system of claim 1 wherein the first format is different in type from the second format.

6. (Canceled)

7. (Original) The system of claim 1 wherein the second format is selected from the group consisting of MPEG-1, MPEG-2, MPEG-4, H.263, M-JPEG, M-GIF, ACELP, MP1, MP2, MP3, and G.723.1.

8. (Original) The system of claim 1 wherein the image capturing device is a video camera.

9. (Original) The system of claim 1 wherein the network gateway comprises a look up table.

10. (Original) The system of claim 1 wherein the image capturing device is coupled to a personal computer that is coupled via a wireless medium to the network.

11. (Currently Amended) A system for broadcasting to at least one mobile display device, the system comprising:

a processor; and

a broadcasting server coupled to the processor and coupled to a wide area network of computers, the broadcasting server including:

an image retrieval portion configured to retrieve incoming video signals in a first format;

a look up table to determine parameters for a second format for the incoming video signals; and

a transcoding module coupled to the image retrieval portion and to the look up table, the transcoding module configured to convert the incoming video signal from the first format into a plurality of second formats corresponding to a plurality of output video signals in response to the parameters;

wherein the second formats ~~is~~are more appropriate for the at least one mobile display device than the first format; and

wherein ~~at least one of~~either or both a ~~frame dimension~~video and audio characteristic associated with the incoming video signals can be changed during transmission ~~of the~~to provide a different optimized output video signal to the at least one mobile display device in response to a change in any combination of a bandwidth condition, a display device characteristic, and a user preference.

12. (Original) The system of claim 11 wherein the image retrieval portion is configured to receive the incoming video signals from a video camera.

13. (Original) The system of claim 11 wherein the image retrieval portion is configured to receive the incoming video signals from a data file.

14. (Original) The system of claim 11 wherein the second format is compressed.

15. (Canceled)

16. (Original) The system of claim 11 wherein the second format is selected is selected from the group consisting of MPEG-1, MPEG-2, MPEG-4, H.263, M-JPEG, M-GIF, ACELP, MP1, MP2, MP3, and G.723.1.

17. (Previously Presented) The system of claim 11 wherein the parameters from the look up table includes pixel bit-depth data.

18. (Previously Presented) The system of claim 11 wherein the parameters from the look up table includes frame rate data.

19.-26. (Canceled)

27. (Currently Amended) A system for transferring real time video information from a source device to one of a plurality of output devices, the system comprising:

an image capturing device to acquire video information, the image capturing device including a processor, a graphics module coupled to the processor, a browsing device coupled to the processor, a packetizing portion coupled to the processor, the packetizing portion being adapted to convert the video information into a packetized stream of video information, the packetized stream of video information being in a first format, and an output device coupled to the processor to transfer the packetized stream of video information to a network;

a network gateway coupled to the image capturing device through the network, the network gateway being coupled to a worldwide network of computers, the network gateway including at least one gateway transcoding device to convert the packetized stream of video information from the first format to a plurality of second formats, the network gateway also including

a packetizing portion to transfer the packetized stream of video information in the second formats to the network; and

a display device coupled to the network gateway through the world wide network of computers, the display device including a display device to convert the packetized stream of video information into video information for display, the display device also including a display to display the video information on the display device; and

wherein the network gateway can provide a listing of multiple output streams of video information, each output stream having unique characteristics and respective second formats, and wherein one or more output streams can be selected to be displayed on the display of the display device, the network gateway further being able to adapt any one of the output streams to change at least one of a ~~frame dimension~~video and audio characteristic associated with that selected output stream during its transmission.

28. (Previously Presented) The system of claim 27 wherein the packetized stream of information in the first format is compressed.

29. (Previously Presented) The system of claim 27 wherein the display device is coupled to a wireless network, the wireless network being coupled to the world wide network of computers.

30. (Previously Presented) The system of claim 27 wherein the display device is selected from one of a plurality of devices including a portable computer, a laptop computer, a personal digital assistant, a web appliance, a personal computer, and a work station.

31. (Previously Presented) The system of claim 27 wherein the first format is different in type from the second format.

32. (Previously Presented) The system of claim 27 wherein the first format is selected from the group consisting of MPEG-1, MPEG-2, MPEG-4, H.263, M-JPEG, M-GIF, ACELP, MP1, MP2, MP3, and G.723.

33. (Previously Presented) The system of claim 27 wherein the image capturing device is a video camera.

34. (Previously Presented) The system of claim 27 wherein the network gateway comprises a look up table.

35. (Previously Presented) The system of claim 27 wherein the image capturing device is coupled to a personal computer that is coupled via a wireless medium to the network.

36. (Currently Amended) A system for broadcasting to at least one mobile display device, the system comprising:

a processor; and

a broadcasting server coupled to the processor and coupled to a wide area network of computers, the broadcasting server including:

an image retrieval portion configured to retrieve incoming video signals in a first format;

a look up table to determine parameters for a plurality of second formats, more suitable for at least one mobile display device, for the incoming video signals; and

at least one transcoding module coupled to the image retrieval portion and to the look up table, the transcoding module configured to convert at least one of the incoming video signals from the first format into the second formats in response to the parameters;

wherein the second formats ~~is~~ are more appropriate for the at least one mobile display device than the first format; and

wherein multiple output video signals having the second formats more suitable for the at least one mobile display device can be provided by the broadcasting server, wherein ~~any~~

an optimum one of the multiple output video signals can be selected to be presented ~~by~~ at the mobile display device.

37. (Previously Presented) The system of claim 36 wherein the image retrieval portion is configured to receive the incoming video signals from a video camera.

38. (Previously Presented) The system of claim 36 wherein the image retrieval portion is configured to receive the incoming video signals from a data file.

39. (Previously Presented) The system of claim 36 wherein the second format is compressed.

40. (Previously Presented) The system of claim 36 wherein the first format is selected from the group consisting of MPEG-1, MPEG-2, MPEG-4, H.263, M-JPEG, M-GIF, ACELP, MP1, MP2, MP3, and G.723.1.

41. (Previously Presented) The system of claim 36 wherein the parameters from the look up table includes pixel bit-depth data.

42. (Previously Presented) The system of claim 36 wherein the parameters from the look up table includes frame rate data.

43. (Previously Presented) The system of claim 1 wherein the display device can select the stream to display on its display.

44. (Currently Amended) The system of claim 1 wherein a component of the network gateway can select the output stream to be displayed by the display device.

45. (Currently Amended) The system of claim 27 wherein the display device can select the output stream to be displayed.

46. (Currently Amended) The system of claim 27 wherein a component of the network gateway can select the output stream to be displayed by the display device.

47. (Currently Amended) The system of claim 36 wherein the display device can select the output video signal to be presented.

48. (Currently Amended) The system of claim 36 wherein a component of the broadcasting server can select the output video signal to be presented.

49. (Currently Amended) A system to broadcast to at least one client device, the system comprising:

a processor; and

a broadcasting server coupled to the processor, the broadcasting server including:

an image retrieval portion to retrieve incoming video signals having a first format;

a data structure usable to determine parameters for a second format for the incoming video signals; and

at least one transcoding module coupled to the image retrieval portion and which has access to the data structure, the transcoding module being capable to convert at least one of the incoming video signals from the first format into at least one second format based at least in part on the parameters;

wherein the second format is more suitable for the at least one client device than the first format; and

wherein multiple output video signals having the format more suitable for the at least one client device can be provided by the broadcasting server, wherein any one of the multiple output video signals can be selected to be presented ~~by~~ at the at least one client device.



50. (Currently Amended) The system of claim 49 wherein the at least one client device can select which of the output video signals to present and may access the selected video signals from multiple devices, including access of output video signals having different formats from different devices.

51. (Currently Amended) The system of claim 49 wherein a component of the broadcasting server can select which of the output video signals is to be presented by the at least one client device.

52. (Currently Amended) The system of claim 49 wherein a different output video signal can be dynamically selected to be presented at the at least one client device, instead of a current output video signal, in response to a change in a bandwidth condition.

53. (Currently Amended) The system of claim 52 wherein the different output video signal has at least one of a different frame dimension and a different associated audio characteristic.

54. (Currently Amended) A system for broadcasting to at least one client device, the system comprising:

a means for processing incoming video signals; and

a broadcasting server coupled to the processor, the broadcasting server including:

an image retrieval means for retrieving incoming video signals having a first format;

a data structure means usable for determining parameters for a second format for the incoming video signals; and

a transcoding module for converting at least one of the incoming video signals from the first format into at least one second format based at least in part on the parameters;

wherein the second format is more suitable for the at least one client device than the first format; and

wherein multiple output video signals having the second format more suitable for the at least one client device can be provided by the broadcasting server, wherein any one of the multiple output video signals can be selected to be presented ~~by~~ at the at least one client device.

55. (Currently Amended) The system of claim 54, further comprising a means for allowing the at least one client device to select one of the multiple output video signals to be presented.

56. (Currently Amended) The system of claim 54 wherein the broadcasting server includes a means for selecting one of the multiple output video signals to present at the at least one client device.

57. (Currently Amended) The system of claim 54 wherein the broadcasting server includes a means for dynamically selecting a different output video signal to be presented at the at least one client device, instead of a current output video signal, in response to a change in bandwidth conditions.

58. (Currently Amended) The system of claim 54 wherein the means for dynamically selecting the different output video signal includes a means for dynamically selecting an output video signal having at least one of a different frame dimension and different associated audio.